

ABSTRACT

A truss assembly apparatus for assembling truss structures, by assembly on two or more consecutive, spaced 5 apart, coplanar work table surfaces and with a gantry type press assembly of a plurality of wooden truss members and truss connector plates with toothed projections, the truss members coupled by embedding the connector plate projections into said truss members. The truss assembly 10 apparatus has a gantry type press assembly with first and second ends adapted to be mounted on first and second ends of each of said work table surfaces, for movement over the work table surfaces and the space between adjacent work table surfaces. The gantry assembly has a continuous belt 15 on the first and second ends for driving of the gantry assembly, by engagement of the continuous driving belt with the first and second table ends. The gantry assembly is configured to be supported by the continuous belt, during movement of the gantry over a work table surface 20 when crossing the space between work table surfaces.